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10/643,548 NGC-149/000196-199

Specification Amendments

Please substitute the following new abstract for the existing abstract.

ABSTRACT

An exemplary radar system includes a waveform generator that generates a control waveform. An in-phase and quadrature modulator receives the control waveform from the waveform generator and in turn generates a waveform output that is amplified by a power amplifier before being transmitted from an antenna.